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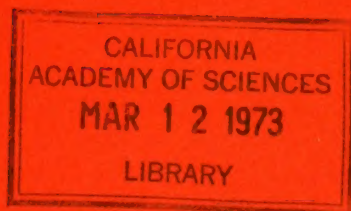
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Type Specimens of Mammals in the National Museum of Natural Sciences, Ottawa

Phillip M. Youngman



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des Sciences naturelles

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Natural Sciences, Ottawa**

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**Type Specimens of Mammals
in the National Museum of
Natural Sciences, Ottawa**

Phillip M. Youngman

Biographical Note

Phillip M. Youngman received his M.A. in Zoology at the University of Kansas. He has worked as a marine biologist in the West Indies and as a mammalogist with the U.S. Army in Korea. He has taught at the University of Tampa, Florida and at St. Patrick's College, Ottawa. Mr. Youngman is a leading researcher into the systematics and distribution of mammals in the western Arctic. Among the numerous scientific papers which he has contributed to various journals are studies on the ecology of Korean rodents, the systematics of pocket gophers, the systematics and distribution of arctic mammals, the systematics of insular populations of voles, and the serology of Arctic Ground Squirrels.

A member of several scientific societies, Mr. Youngman was Associate Editor (Mammalogy) of the *Canadian Field Naturalist* from 1961-1970. He has been Curator of Mammals at the National Museum of Natural Sciences since 1960.

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Summary

The collection of Recent mammals at the National Museum of Natural Sciences, Ottawa, includes holotypes of five insectivores, four lagomorphs, 35 rodents, 10 carnivores, two pinnipeds, and two artiodactyls, as well as three neotypes of the latter order.

Résumé

La collection de mammifères du quaternaire que possède le Musée national des Sciences naturelles, à Ottawa, groupe les holotypes de cinq insectivores, quatre lagomorphes, 35 rongeurs, 10 carnassiers, deux pinnipèdes et deux artiodactyles ainsi que trois néotypes de ce dernier ordre.

Preface

The *International Code of Zoological Nomenclature** and the International Council of Museums (*A Preliminary List of Catalogues of Type Specimens in Zoology and Palaeontology* by A. W. F. Banfield†) have recommended that institutions possessing type specimens publish lists of this material.

The format of the present list is similar to that used in *Herpetological Type-Specimens in the University of Illinois Museum of Natural History* by H. M. Smith et al.‡


The list does not attempt to record the current status of the names based upon these types because of the subjectivity and possible ephemerality of current publications.

The sequence of data recorded here for each type specimen is as follows: (1) name (original), (2) author(s), (3) publication in which the description appears, (4) nature of the specimen (holotype, neotype), (5) catalogue number (Nat. Mus. Canada), (6) locality (sometimes abridged), (7) date the specimen was collected, (8) collector(s), (9) list of paratypes where appropriate.

*Int. Trust for Zool. Nomen. (recommendation 72 D), London, 1964.

†Bucharest, State Committee of Culture and Art, 1968.

‡*Ill. Biol. Monog.* 32, Urbana, Univ. of Illinois Press, 1964.



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Type Specimens of Mammals

Insectivora

Sorex belli Merriam

Proc. Biol. Soc. Washington 7:25, 1892

Holotype 46

Shamattawa River, Kenora District,
Ontario

1885, P. M. Mathews

Sorex obscurus soperi Anderson and
Rand

Canadian Field Nat. 59(2):47, 1945

Holotype 18249

2½ mi. NW Lake Audy, Riding Moun-
tain National Park, Manitoba

1910, J. D. Soper

Sorex palustris brooksi Anderson

Canadian Field Nat. 48(8):134, 1934

Holotype 12370

Black Creek, Comox District, east coast
Vancouver Island, British Columbia

1934, A. Brooks

Blarina brevicauda manitobensis

Anderson

Nat. Mus. Can. Bull. 102:23, 1947

Holotype 8549

Max Lake, Turtle Mountains, Manitoba

1929, J. D. Soper

Paratypes 1767, 1774

Blarina brevicauda angusta Anderson

Ann. Rept. Provancher Soc. Nat. Hist.

Canada, 1942, p. 52, 1943

Holotype 11655

Kellys Camp, Berry Mountain Brook,
near head Grand Cascapedia River,
Gaspé County, Quebec

1932, R. E. Balch

Lagomorpha

Ochotona princeps littoralis Cowan

Murrelet 35:22, 1955

Holotype 15825

Hagensborg, British Columbia

1938, C. J. Guiguet

Paratypes 15822 - 15831, 15833,
15834

Ochotona princeps septentrionalis

Cowan and Racey

Canadian Field Nat. 60:102, 1947

Holotype 34513

Itcha Mountains, Chilcotin, British
Columbia

1931, K. Racey

Lepus arcticus andersoni Nelson

Proc. Biol. Soc. Washington 47:85,
1934

Holotype 2858

Cape Barrow, Coronation Gulf, N.W.T.

1915, R. M. Anderson

Paratype 2860

Lepus arcticus banksicola Manning and
Macpherson

Arctic Inst. North America, Tech. Paper
2:8, 1958

Holotype 20973

Banks Island, Northwest Territories

1952, T. H. Manning

Paratypes 20971, 20974 - 20977

Rodentia

Tamias striatus quebecensis Cameron

J. Mamm. 31(3):347, 1950

Holotype 18987

St Felicien, Lake St. John County,
Quebec

1946, P. A. Orkin

Paratypes 18988, 18989

Eutamias minimus hudsonius Anderson
and Rand

Canadian Field Nat. 57(7,8):133, 1944

Holotype 14786

Bird, Hudson Bay Railway, Mi. 349,
Manitoba

1936, R. W. Smith

Paratypes 14789, 14796

Eutamias minimus selkirki Cowan

Proc. Biol. Soc. Washington 59:113, 1946

Holotype 34512

Paradise Mine near Toby Creek, 19 mi.

W Invermere, British Columbia

1945, I. McTaggart Cowan

Marmota monax johnsoni Anderson

Ann. Rept. Provancher Soc. Nat. Hist. Canada, 1942, p. 53, 1943

Holotype 2473

Percé, Gaspé County, Quebec

1915, C. E. Johnson

Paratypes 2472, 2487

Marmota caligata raceyi Anderson

Nat. Mus. Can. Bull. 70:112, 1932

Holotype 11430

Itcha Mountains, Chilcotin Plateau,

Coast District, British Columbia

1931, K. Racey

Paratype 11431

Tamiasciurus hudsonicus laurentianus Anderson

Ann. Rept. Provancher Soc. Nat. Hist. Canada, 1941, p. 31, 1942

Holotype 9322

Lac Marchant, near Moise Bay, Saguenay County, Quebec

1928, C. G. Harrold

Paratype 9323

Tamiasciurus hudsonicus ungavensis Anderson

Ann. Rept. Provancher Soc. Nat. Hist. Canada, 1941, p. 33, 1942

Holotype 11278

Lake Waswanipi, Abitibi District, Quebec

1931, F. McLeod

Paratypes 11009, 11010, 11275 - 11277, 11282

Glaucomys sabrinus goodwini Anderson

Ann. Rept. Provancher Soc. Nat. Hist. Canada 1942, p. 55, 1943

Holotype 4959

Berry Mountain Camp, junction Berry

Mountain Brook and Grand Cascadepia

River, Matane County, Quebec

1923, R. M. Anderson

Glaucomys sabrinus gouldi Anderson

Ann. Rept. Provancher Soc. Nat. Hist. Canada 1942, p. 56, 1943

Holotype 13873

Frizzleton, Inverness County, Cape Breton Island, Nova Scotia

1935, V. E. Gould

Paratypes 13866, 13879

Perognathus laingi Anderson

Nat. Mus. Can. Bull. 70:10, 1932

Holotype 9200

Anarchist Mountain near Osoyoos-

Bridesville summit, about 8 mi. E

Osoyoos Lake, British Columbia

1928, H. M. Laing

Paratypes 9201, 9204, 9213, 9218, 9222

Peromyscus maniculatus interdictis

Anderson

Nat. Mus. Can. Bull. 70:110, 1932

Holotype 11432

Forbidden Plateau, 17 mi. W Comox,

Vancouver Island, British Columbia

1932, H. M. Laing

Paratypes 11433, 11434

Peromyscus sitkensis isolatus Cowan

Univ. Calif. Publ. Zool. 40:434, 1935

Holotype 34514

Pine Island, Queen Charlotte Islands,

British Columbia

1930, K. E. Racey

Evotomys dawsoni Merriam

Amer. Nat. 22:650, 1888

Holotype 92

Finlayson River, Yukon Territory

1887, G. M. Dawson

Clethrionomys rutilus platycephalus

Manning

Nat. Mus. Can. Bull. 144:50, 1957

Holotype 20860

8 mi. S Tuktoyaktuk, District of Mackenzie, Northwest Territories

1952, T. H. Manning

Paratypes 20815 – 20915

Clethrionomys gapperi gaspeanus

Anderson

Ann. Rept. Provancher Soc. Nat. Hist. Canada 1942 p. 57, 1943

Holotype 4953

Berry Mountain Camp near junction Berry Mountain Brook and Grand Cascadia River, Matane County, Quebec

1923, R. M. Anderson

Paratypes 4961 – 4963, 4979, 4980, 4984

Clethrionomys gapperi hudsonius

Anderson

Rapport Annuel 1939, Société Provancher d'histoire naturelle du Canada, p. 73, 1940

Holotype 3557

Kapuskasing, on Kapuskasing River about 64 mi. W Cochrane, Ontario

1940, C. E. Johnson

Paratypes 3538, 3541, 3544 – 3546, 3548, 3550 – 3553, 3556, 3560, 3571

Phenacomys intermedius Merriam

N. Amer. Fauna 26:32, 1889

Holotype 118

20 mi. NNW Kamloops, British

Columbia

1888, G. M. Dawson

Phenacomys intermedius laingi

Anderson

Canadian Field Nat. 56(4):59, 1942

Holotype 16528

Kimsquit River, Cornice Creek near head Dean Inlet, British Columbia

1939, H. M. Laing

Phenacomys ungava soperi Anderson

Canadian Field Nat. 56(4):58, 1942

Holotype 17131

Near Swanson Creek, middle Sect. 34, Township 19, Range 17, Riding Mountain National Park, Wasagaming on Clear Lake, Manitoba

1941, J. Soper

Microtus andersoni Rand

Nat. Mus. Can. Bull. 99:42, 1945

Holotype 18107

“Plains of Abraham” near headwaters Little Keele River, 82 mi. W Mackenzie

River, Canol Road, Northwest Territories

1944, W. H. Bryenton

Paratypes 18110 – 18112

Microtus pennsylvanicus arcticus

Cowan

J. Mamm. 32:353, 1951

Holotype 34515

Kidluit Bay, Richards Island, District of Mackenzie, Northwest Territories

1947, I. McTaggart Cowan

Microtus pennsylvanicus copelandi

Youngman

J. Mamm. 48(4):581, 1967

Holotype 5777

Near North Head, Grand Manan Island, New Brunswick

1925, C. H. Young

Paratypes 5773 – 5776, 5781, 5782, 5784, 5787 – 5789, 5791, 5794, 5796 – 5801

Microtus pennsylvanicus magdalenensis Youngman

J. Mamm. 48(4):579, 1967

Holotype 27603

Grindstone Island, Magdalen Islands, Quebec

1959, A. W. Cameron

Paratypes 27596 - 27600, 27604, 27605, 27607 - 27624, 27626 - 27637, 27640, 27641, 27643 - 27645

Microtus townsendi laingi Anderson and Rand

Canadian Field Nat. 57:73, 1943

Holotype 13423

Port Hardy, Vancouver Island (North end), British Columbia

1935, H. M. Laing

Microtus cantator Anderson

Nat. Mus. Can. Bull. 102:161, 1947

Holotype 17236

Near Teepee Lake, N slope St. Elias Range, Yukon Territory

1943, C. H. D. Clarke

Paratype 17327

Lemmus trimucronatus phaioccephalus

Manning and Macpherson

Arctic Inst. North America, Tech. Paper 2, p. 27, 1958

Holotype 20705

Mahogany Point, Castel Bay, north coast

Banks Island, Northwest Territories

1953, T. H. Manning

Paratypes 20693 - 20704, 20706 - 20710, 20714

Synaptomys borealis artemisiae Anderson

Nat. Mus. Can. Bull. 70:104, 1932

Holotype 7952

Stevenson Creek, SW of Princeton, east slope Cascade Range, British Columbia

1927, H. M. Laing

Paratypes 7953, 7960, 7961

Synaptomys borealis smithi Anderson and Rand

Canadian Field Nat. 57:101, 1943

Holotype 14815

Thicket Portage, Mi. 165, Hudson Bay Railway, Manitoba

1943, R. W. Smith

Paratype 14819

Dicrostonyx groenlandicus kilangmiutak

Anderson and Rand

J. Mamm. 26(3):305, 1945

Holotype 3993

De Haven Point, Victoria Island, District of Franklin, Northwest Territories

1918, J. F. Bernard

Paratypes 3989, 3994, 3995, 25387, 25405 - 25410, 25414 - 25416, 25446

Dicrostonyx groenlandicus lentus

Handley

J. Washington Acad. Sci. 43:198, 1953

Holotype 11404

Lake Harbour, Baffin Island, District of Franklin, Northwest Territories

1931, J. E. Soper

Dicrostonyx torquatus nunatakensis

Youngman

Proc. Biol. Soc. Washington 80:31, 1967

Holotype 29503

20 mi. S Chapman Lake, Yukon Territory

1961, P. M. Youngman

Paratypes 29499 - 29502, 29504, 29505, 33426, 33427, 31337

Zapus hudsonius ontarioensis Anderson

Ann. Rept. Provancher Soc. Nat. Hist. Canada 1942, p. 59, 1943

Holotype 12843

Pancake Bay, Algoma District, Ontario

1935, H. P. Stovall

Paratypes 12839, 12870, 12873, 12890, 12910 – 12915, 12918, 12922, 12945, 12951, 12952, 12970 – 12972, 12981, 12982, 12989, 12999, 13000 – 13004, 13014 – 13016, 13032 – 13035, 13045, 13046, 13054, 13056, 13061, 13068 – 13072, 13080, 13081, 13091, 13092, 13099 – 13101, 13105, 13109, 13119, 13120, 13134, 13164, 13180, 13183, 13215, 13216, 13236, 13244, 13245 – 13247, 13254, 13282, 13289, 13297, 13298, 13301, 13307

Zapus princeps kootenayensis Anderson
Nat. Mus. Can. Bull. 70:108, 1932

Holotype 10020

Near summit Green Mountain, head Murphy Creek, 10 mi. N Rossland, West Kootenay District, British Columbia
1929, R. M. Anderson

Paratypes 10006 – 10010, 10021 – 10023, 10139

Napeozapus insignis gaspensis
Anderson

Ann. Rept. Provancher Soc. Nat. Hist., Canada 1941, p. 39, 1942

Holotype 4786

Berry Mountain Brook, a tributary of Grand Cascapedia River, Gaspé County, Quebec

1922, R. M. Anderson

Napeozapus insignis saguenayensis
Anderson

Ann. Rept. Provancher Soc. Nat. Hist. Canada 1941, p. 40, 1942

Holotype 9318

Trout Lake, near Moise Bay, Saguenay County, Quebec

1928, C. G. Harrold

Paratypes 9312, 9313, 9315

Carnivora

Canis lupus bernardi Anderson

J. Mamm. 24(3):389, 1943

Holotype 2796

Cape Kellett, Banks Island, District of Franklin, Northwest Territories

1916, P. Bernard

Paratypes 2793 – 2795, 3504 – 3507

Canis lupus mackenzii Anderson

J. Mamm. 24(3):388, 1943

Holotype 2792

Imnanuit W of Kater Point, Bathhurst Inlet, District of Mackenzie, Northwest Territories

1916, R. M. Anderson

Canis lupus manningi Anderson

J. Mamm. 24(3):392, 1943

Holotype 17236

Hantzsch River, Baffin Island, District of Franklin, Northwest Territories

1938, T. H. Manning

Ursus americanus hamiltoni Cameron

J. Mamm. 37(4):538, 1957

Holotype 19818

Big Falls Humber River, Newfoundland

1949, A. W. Cameron

Paratype 22009

Euarctos hunteri Anderson

Ann. Rept. Provancher Soc. Nat. Hist.

Canada 1944, p. 22, 1945

Holotype 9577

Near mouth Prairie Creek, South Nahanni River, District of Mackenzie, Northwest Territories

1928, F. Hunter

Euarctos randi Anderson

Ann. Rept. Provancher Soc. Nat. Hist.

Canada 1944, p. 19, 1945

Holotype 17957

Sheldon Mountain, Yukon Territory

1944, A. L. Rand

Paratypes 17959, 17970, 18038

Ursus internationalis Merriam

Proc. Biol. Soc. Washington 27:177, 1914

Holotype 1763

Alaska-Yukon boundary, about 50 mi. S

Arctic Coast

1912, F. Lambart

Mustela erminea fallenda Hall

J. Mamm. 26(1):79, 1945

Holotype 7096

Huntingdon, British Columbia

1927, C. H. Young

Paratypes 7106, 7110, 7151, 7174,

7284, 7292, 7293, 7515, 7516,

7529, 7534, 7541, 7561

Mustela vison lowii Anderson

Ann. Rept. Provancher Soc. Nat. Hist.

Canada 1944, p. 57, 1945

Holotype 11558

Mistassini Post, Mistassini Lake, Mistas-

sini District, Quebec

1932, W. Jeffreys

Paratypes 11250, 11251, 11253 -

11255, 11554 - 11557, 11559,

11560, 11561, 11563

Lutra canadensis chimo Anderson

Ann. Rept. Provancher Soc. Nat. Hist.

Canada 1944, p. 59, 1945

Holotype 11059

Fort Chimo, Ungava District, Quebec

1930, J. Blackwell

Paratypes 11080 - 11083, 12558

Pinnipedia

Phoca hispida beaufortiana Anderson

Ann. Rept. Provancher Soc. Nat. Hist.

Canada 1942 p. 25, 1943

Holotype 2807

Cockburn Point, Dolphin and Union

Strait, District of Mackenzie, NWT

1914, F. Johansen

Phoca hispida soperi Anderson

Ann. Rept. Provancher Soc. Nat. Hist.

Canada 1942, p. 27, 1943

Holotype 6016

Near mouth Takuirbing River, Nettiling

Lake, Baffin Island, District of Franklin,

Northwest Territories

1925, J. D. Soper

Paratypes 6023, 6025 - 6027

Artiodactyla

Rangifer montanus Thompson-Seton

Ottawa Nat. 13(5):129, 1899

Holotype 232

Illecillewaet watershed, near Revel-

stoke, British Columbia

1889, G. M. Dawson

Rangifer tarandus arcticus Richardson

Fauna Boreali-Americana 1:241, 1829

Neotype designation by Banfield, Nat.

Mus. Can. Bull. 185:61, 1963

Neotype 22066

Aurora Lake, District of Mackenzie,

Northwest Territories

1952, J. P. Kelsall

Cervus tarandus caribou Gmelin 1788

Linn., Syst. Nat. 13 ed. 1:177, 1788

Neotype designation by Banfield, Nat.

Mus. Can. Bull. 185:61, 1963

Neotype 4800

Mont Albert, Shickshock Mountains,

Gaspé West County, Quebec

1922, R. M. Anderson

Cervus tarandus groenlandicus Linn.

Syst. Nat. 12 ed. 1:98, 1767

Neotype designation by Banfield, Nat.

Mus. Can. Bull. 185:61, 1963

Neotype 8831

Nugsuak Peninsula west coast,

Greenland

Bison bison athabasca Rhoads

Proc. Acad. Nat. Sci. Philadelphia
49:498, 1898

Holotype 299

Within 50 miles of Fort Resolution, Dis-
trict of Mackenzie, Northwest Territories
1892 (?), W. Pike

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